

1. Assertion : Air helps in the distribution of plants.

Reason : Air causes dispersal of seeds.

2. Assertion : On heating water in a bowl, tiny bubbles of air appear just before the water begins to boil.

Reason : Water is converted into water vapour on boiling.

3. **Assertion** : Earthworms go deep inside the soil after heavy rainfall.
Reason : Deep soil is rich in oxygen content.
4. **Assertion** : A lump of cotton wool shrinks in the water.
Reason : Cotton is light.
5. **Assertion** : When water is added to a lump of dry soil, bubbles will come out of the soil.
Reason : Soil gets dissolved in water.
6. **Assertion** : Plants do not take in nitrogen.
Reason : Nitrogen is harmful for plants.
7. **Assertion** : Traffic policeman wears a mask on his face.
Reason : Breathing through mouth should be avoided.
8. **Assertion** : Plants need oxygen for respiration.
Reason : Plants release oxygen during photosynthesis.
9. **Assertion** : After the rainfall, sky and air becomes clean.
Reason : Rainfall reduces dust particles from the air.
10. **Assertion** : Atmosphere protects the Earth from harmful radiations coming from the Sun.
Reason : Ozone layer is present in the atmosphere.